# Regional Estimates By Community Health Assessment Regions 1995-1999

#### Michigan BRFS

Community Health Assessment and Improvement (CHAI) Regions



## Perceived Risk of HIV Infection By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

	Chances of getting HIV High/Medium <sup>1</sup>			
	%	95% CI		
Michigan	5.6	0.5		
Region 1	5.8	0.7		
Region 2	5.7	1.9		
Region 3	6.6	3.0		
Region 4	4.2	1.6		
Region 5	4.8	1.8		
Region 6	7.3	3.1		
Region 7	5.2	1.5		
Region 8	6.3	2.4		
Region 9	5.2	2.3		
Region 10	5.5	2.3		
Region 11	7.9	3.5		
Region 12	4.8	2.4		

<sup>&</sup>lt;sup>1</sup> Proportion of respondents who reported "high" or "medium" to the question "What are your chances of getting infected with HIV, the virus that causes AIDS?". "Don't know" was considered a valid response.

## Alcohol Use By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey

	Consumed Any Alcohol in Past Month <sup>1</sup>					Binge Drinking <sup>3</sup>		Drinking and Driving <sup>4</sup>	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	
Michigan	57.4	0.9	3.9	0.4	18.3	0.8	3.6	0.4	
Region 1	59.6	1.4	3.8	0.6	19.2	1.2	3.8	0.6	
Region 2	48.2	3.8	1.9	1.0	14.9	2.7	2.3	1.1	
Region 3	54.3	5.9	3.4	2.1	14.8	4.2	3.4	2.1	
Region 4	53.2	4.0	4.6	1.8	18.1	3.2	3.9	1.7	
Region 5	58.0	3.8	4.8	1.8	18.0	3.1	3.4	1.4	
Region 6	51.3	5.8	3.6	2.0	14.3	4.1	2.7	1.9	
Region 7	58.8	3.0	4.0	1.3	19.3	2.5	4.1	1.3	
Region 8	54.1	4.2	3.1	1.5	15.6	3.1	3.6	1.6	
Region 9	56.3	4.8	3.1	1.8	16.1	3.8	3.9	2.0	
Region 10	59.3	4.1	4.8	1.8	18.8	3.4	4.1	1.6	
Region 11	59.3	5.5	4.4	2.3	19.0	4.7	3.3	2.0	
Region 12	55.7	4.9	4.9	2.2	20.1	4.0	3.1	1.6	

<sup>&</sup>lt;sup>1</sup> Proportion of respondents who reported having had at least one alcoholic drink in the past month.

<sup>&</sup>lt;sup>2</sup> Heavy drinking was defined as sixty or more alcoholic beverages on average consumed in the past month.

<sup>&</sup>lt;sup>3</sup> Proportion of respondents who reported that they had had five or more alcoholic beverages per occasion at least once in the past month.

<sup>&</sup>lt;sup>4</sup> Proportion of respondents who said they had driven a car after having had "perhaps too much to drink".

### Current Cigarette Smoker By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

(iii potositagos tital os /s comisorios tital titalo)	Current Cigarette Smoker <sup>1</sup>			
	%	95% CI		
Michigan	26.0	0.7		
Region 1	26.6	1.1		
Region 2	30.1	3.0		
Region 3	22.2	4.0		
Region 4	23.4	2.8		
Region 5	24.3	2.9		
Region 6	25.9	4.0		
Region 7	24.6	2.2		
Region 8	28.1	3.3		
Region 9	23.4	3.4		
Region 10	26.5	3.3		
Region 11	23.7	4.0		
Region 12	27.5	3.8		

<sup>&</sup>lt;sup>1</sup>Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now.

### Non Use of Seatbelts By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

#### Adult Safety Belt Non Use (Not Always)1

	%	95% CI					
Michigan	28.2	1.0					
Region 1	28.4	1.4					
Region 2	32.9	4.1					
Region 3	28.7	6.1					
Region 4	22.6	3.9					
Region 5	27.3	4.0					
Region 6	33.4	6.2					
Region 7	26.6	3.0					
Region 8	25.7	4.2					
Region 9	25.0	5.0					
Region 10	27.9	4.2					
Region 11	31.4	6.0					
Region 12	30.6	5.0					
Proportion of respondents who reported not always wearing their safety belt when driving or riding in a car							

Proportion of respondents who reported not always wearing their safety belt when driving or riding in a car.

## Diabetes By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

	Ever Told Have Diabetes 1				
	%	95% CI			
Michigan	5.7	0.4			
Region 1	5.7	0.5			
Region 2	5.4	1.4			
Region 3	3.7	1.7			
Region 4	5.3	1.5			
Region 5	5.3	1.5			
Region 6	7.5	2.5			
Region 7	4.3	1.0			
Region 8	8.2	2.0			
Region 9	5.0	1.6			
Region 10	6.9	1.8			
Region 11	7.0	2.2			
Region 12	5.0	1.8			

<sup>&</sup>lt;sup>1</sup>Proportion of respondents who reported that they had ever been told by a doctor that they had diabetes (gestational diabetes excluded).

#### Overweight By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

	Overweight 1			
	%	95% CI		
Michigan	33.2	0.8		
Region 1	33.0	1.2		
Region 2	37.6	3.2		
Region 3	35.3	4.8		
Region 4	32.8	3.2		
Region 5	34.2	3.3		
Region 6	31.9	4.4		
Region 7	30.4	2.4		
Region 8	34.7	3.6		
Region 9	32.6	3.8		
Region 10	33.7	3.6		
Region 11	34.0	4.6		
Region 12	31.8	4.0		

<sup>1</sup>Overweight was defined as proportion of respondents by body mass index  $\geq$ 27.8 for men and  $\geq$  27.3 for women. Pregnant women were excluded from analysis.

#### **Health Care Indicators** By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

		Had Health Care Coverage		Cost Prevented Doctor Visit <sup>2</sup>		General Health	
	Aged	18-64 <sup>1</sup>			Fair	or Poor <sup>3</sup>	
	%	95% CI	%	95% CI	%	95% CI	
Michigan	89.7	0.5	8.8	0.5	13.4	0.5	
Region 1	90.1	0.8	9.1	0.8	13.7	0.8	
Region 2	89.2	2.2	9.3	2.2	13.9	2.1	
Region 3	87.3	3.8	9.4	3.1	14.4	3.4	
Region 4	91.7	2.0	6.5	1.9	10.9	2.1	
Region 5	90.8	2.1	9.9	2.4	13.4	2.2	
Region 6	88.1	3.4	10.0	3.0	12.4	2.9	
Region 7	92.7	1.5	6.4	1.4	11.0	1.5	
Region 8	87.5	2.7	11.2	2.7	13.1	2.4	
Region 9	86.2	3.2	7.8	2.3	14.4	2.6	
Region 10	87.7	2.7	7.7	2.4	14.8	2.5	
Region 11	88.2	3.5	7.4	2.8	16.4	3.4	
Region 12	85.7	3.3	10.6	3.2	15.1	2.9	

<sup>&</sup>lt;sup>1</sup> Proportion of respondents aged 18-64 who reported they had any kind of health care coverage.

<sup>&</sup>lt;sup>2</sup> Proportion of respondents who reported that there was a time during the previous 12 months when they needed to see a doctor but could not because of the cost.

<sup>&</sup>lt;sup>3</sup> Proportion of respondents who said that their health, in general, was fair or poor.

#### High Blood Pressure and Cholesterol Screening By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey

	Ever Told Have High Blood			sterol Ever ecked <sup>2</sup>	Ever Told Cholesterol Was High <sup>3</sup>	
	Pre	ssure 1				
	%	95% CI	%	95% CI	%	95% CI
Michigan	23.9	0.8	76.3	0.8	31.2	1.0
Region 1	24.2	1.2	78.2	1.2	30.5	1.5
Region 2	24.8	3.2	76.3	3.4	35.9	4.2
Region 3	19.5	4.5	75.2	5.3	33.1	6.4
Region 4	21.6	3.3	74.7	3.5	29.5	4.2
Region 5	25.0	3.3	74.9	3.4	30.1	4.0
Region 6	24.4	4.9	68.6	5.5	30.1	6.3
Region 7	20.4	2.4	75.1	2.7	28.2	3.1
Region 8	25.4	3.6	75.9	3.8	32.6	4.5
Region 9	29.3	4.4	75.4	4.3	36.4	5.3
Region 10	24.4	3.5	73.4	3.8	33.8	4.6
Region 11	23.4	4.6	77.6	4.9	32.1	5.9
Region 12	24.0	4.1	72.5	4.5	32.0	5.3

<sup>&</sup>lt;sup>1</sup>Of respondents who had ever had their blood pressure checked, the proportion who reported they had ever been told by a health professional that their blood pressure was high.

<sup>&</sup>lt;sup>2</sup>Proportion of respondents who reported ever having had their cholesterol checked.

<sup>&</sup>lt;sup>3</sup>Of respondents who had ever had their cholesterol checked, the proportion who had ever been told by a health professional that their cholesterol was high.

#### Pap Testing and Cervical Cancer Screening By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

	Ever Had Pap Test			imed Pap Screening Cest <sup>1</sup>
	%	95% CI	%	95% CI
Michigan	95.3	0.5	84.1	0.9
Region 1	94.9	0.8	83.9	1.4
Region 2	95.6	2.2	85.0	3.8
Region 3	95.7	3.1	85.3	5.4
Region 4	96.4	2.0	89.2	3.1
Region 5	94.9	2.4	84.5	3.9
Region 6	95.8	3.2	79.0	5.8
Region 7	96.0	1.6	87.0	2.7
Region 8	95.2	2.8	81.9	5.0
Region 9	95.6	2.8	82.8	4.8
Region 10	96.5	2.4	81.0	5.0
Region 11	95.2	2.9	82.0	5.4
Region 12	95.0	3.0	81.3	5.2

<sup>&</sup>lt;sup>1</sup>Proportion of all female respondents aged 18 and older who had a Pap test within the previous three years. Respondents whose last Pap test was done because of a problem were not included in this analysis.

## Mammography By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey

	Ever Had Mammogram			riately-timed phy Screening <sup>1</sup>	Appropriately-timed Breast Screening <sup>2</sup>	
	<b>%</b>	95% CI	<b>%</b>	95% CI	%	95% CI
Michigan	88.6	0.9	66.4	1.4	54.6	1.5
Region 1	88.4	1.3	65.6	2.1	53.4	2.2
Region 2	89.6	3.4	70.4	5.3	57.8	5.6
Region 3	88.4	5.3	70.0	8.1	57.9	8.7
Region 4	89.9	3.4	71.1	5.4	61.7	5.8
Region 5	89.4	3.3	70.3	4.8	56.6	5.8
Region 6	86.3	5.1	65.8	7.8	54.6	8.3
Region 7	89.2	2.6	64.4	4.4	54.3	4.6
Region 8	89.6	3.7	67.4	6.3	56.8	6.7
Region 9	87.2	4.3	63.6	6.6	57.9	6.7
Region 10	89.4	3.7	67.5	6.1	53.5	6.4
Region 11	89.1	4.7	64.4	7.9	49.0	8.3
Region 12	86.9	4.3	62.6	6.7	50.1	6.9
Region 5 Region 6 Region 7 Region 8 Region 9 Region 10 Region 11	89.4 86.3 89.2 89.6 87.2 89.4 89.1	3.3 5.1 2.6 3.7 4.3 3.7 4.7	70.3 65.8 64.4 67.4 63.6 67.5 64.4	4.8 7.8 4.4 6.3 6.6 6.1 7.9	56.6 54.6 54.3 56.8 57.9 53.5 49.0	5.8 8.3 4.6 6.7 6.7 6.4 8.3

<sup>&</sup>lt;sup>1</sup>Proportion of female respondents aged 40 years and older who reported having had a routine mammogram within two years for women aged 40-49 and within one year for women aged 50 and older. Respondents whose last mammogram was done because of breast cancer or other breast problems were not included in this analysis.

<sup>&</sup>lt;sup>2</sup>Proportion of female respondents aged 40 and older who had both appropriate clinical breast exams and appropriate mammography screening.

#### Clinical Breast Exam By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey (in percentages with 95% confidence interval limits)

		nical Breast Exam ged 20 and Older)	Appropriately-timed Screening Clinical Breast Exam <sup>1</sup>		
	%	95% CI	<b>%</b>	95% CI	
Michigan	91.0	0.6	74.7	1.0	
Region 1	90.5	1.0	74.4	1.4	
Region 2	90.3	2.6	73.2	3.8	
Region 3	91.2	3.9	77.1	5.6	
Region 4	93.6	2.1	80.3	3.5	
Region 5	90.4	2.7	72.7	4.2	
Region 6	90.8	3.7	73.2	5.7	
Region 7	93.4	1.7	75.9	3.0	
Region 8	92.8	2.7	78.3	4.4	
Region 9	93.3	2.5	77.7	4.4	
Region 10	88.3	3.2	70.2	4.7	
Region 11	89.0	4.1	74.0	5.6	
Region 12	89.8	3.2	71.9	5.0	

<sup>&</sup>lt;sup>1</sup>Proportion of female respondents 20 years of age and older whose last clinical breast exam was within the previous three years for women aged 20-39 years and within the previous year for women aged 40 years and older. Respondents whose last clinical breast exam was done because of breast cancer or other breast problems were not included in this analysis.

## Physical Inactivity By Community Health Assessment Region Michigan 1995-1999 Behavioral Risk Factor Survey

, , , , , ,		-Time Physical tivity <sup>1</sup>	Sedentary Lifestyle <sup>2</sup>		
	%	95% CI	%	95% CI	
Michigan	24.3	0.8	51.9	1.2	
Region 1	24.4	1.2	51.6	1.8	
Region 2	27.1	3.3	54.5	4.8	
Region 3	26.2	5.3	59.5	7.6	
Region 4	22.9	3.4	52.9	5.1	
Region 5	23.8	3.3	51.9	4.9	
Region 6	28.2	5.1	55.7	6.7	
Region 7	20.9	2.4	49.1	3.9	
Region 8	25.7	3.9	53.7	5.9	
Region 9	22.3	3.8	47.0	5.8	
Region 10	25.2	3.7	56.3	6.0	
Region 11	22.2	4.7	46.8	7.0	
Region 12	24.8	4.3	49.4	6.7	

<sup>&</sup>lt;sup>1</sup>Proportion of respondents who said that they did <u>not</u> participate in any physical activities, recreation, or exercises in their leisure time (such as running, golf, or walking for exercise) within the past month.

<sup>&</sup>lt;sup>2</sup> Proportion of respondents who said they did <u>not</u> engage in leisure-time physical activity (such as running, golf, or walking for exercise) for a minimum of 20 minutes 3 times per week, within the past month.